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OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/757,788

DATE: 03/25/2002
TIME: 15:18:34

Input Set : A:\SEQLIST.txt
Output Set: N:\CRF3\03252002\I757788.raw

3 <110> APPLICANT: Anderson, Keith
4 Agerso, Henrik
6 <120> TITLE OF INVENTION: Transepithelial Delivery of
7 GLP-Derivatives
9 <130> FILE REFERENCE: 6116.200-US
11 <140> CURRENT APPLICATION NUMBER: US 09/757,788
C--> 12 <141> CURRENT FILING DATE: 2002-03-12
14 <150> PRIOR APPLICATION NUMBER: US 60/177,002
15 <151> PRIOR FILING DATE: 2000-01-19
17 <150> PRIOR APPLICATION NUMBER: DK 2000 00030
18 <151> PRIOR FILING DATE: 2000-01-11
20 <160> NUMBER OF SEQ ID NOS: 1
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 39
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Synthetic
32 <221> NAME/KEY: MUTAGEN
33 <222> LOCATION: 2
34 <223> OTHER INFORMATION: Xaa = Ala, Gly, Ser, Thr, Leu, Ile, Val, Glu Asp,
35 Met or Lys
37 <221> NAME/KEY: MUTAGEN
38 <222> LOCATION: 3
39 <223> OTHER INFORMATION: Xaa = Glu, Asp, or Lys
41 <221> NAME/KEY: MUTAGEN
42 <222> LOCATION: 5
43 <223> OTHER INFORMATION: Xaa =Thr, Ala, Gly, Ser, Leu, Ile, Val, Glu, Asp,
44 or Lys
46 <221> NAME/KEY: MUTAGEN
47 <222> LOCATION: 8
48 <223> OTHER INFORMATION: Xaa = Ser, Ala, Gly, Thr, Leu, Ile, Val, Glu, Asp,
49 or Lys
51 <221> NAME/KEY: MUTAGEN
52 <222> LOCATION: 10
53 <223> OTHER INFORMATION: Xaa = Val, Ala, Gly, Ser, Thr, Leu, Ile, Tyr, Glu,
54 Asp, or Lys
56 <221> NAME/KEY: MUTAGEN
57 <222> LOCATION: 11
58 <223> OTHER INFORMATION: Xaa = Ser, Ala, Gly, Thr, Leu, Ile, Val, Glu, Asp
59 or Lys
61 <221> NAME/KEY: MUTAGEN

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62 <222> LOCATION: 12
63 <223> OTHER INFORMATION: Xaa = Ser, Ala, Gly, Thr, Leu, Ile, Val, Glu, Asp,
64 or Lys
66 <221> NAME/KEY: MUTAGEN
67 <222> LOCATION: 13
68 <223> OTHER INFORMATION: Xaa = Tyr, Phe, Trp, Glu, Asp, or Lys
70 <221> NAME/KEY: MUTAGEN
71 <222> LOCATION: 14
72 <223> OTHER INFORMATION: Xaa = Leu, Ala, Gly, Ser, Thr, Leu, Ile, Val, Glu,
73 Asp, or Lys
75 <221> NAME/KEY: MUTAGEN
76 <222> LOCATION: 15
77 <223> OTHER INFORMATION: Xaa = Glu, Asp, or Lys
79 <221> NAME/KEY: MUTAGEN
80 <222> LOCATION: 16
81 <223> OTHER INFORMATION: Xaa = Gly, Ala, Ser, Thr, Leu, Ile, Val, Glu, Asp,
82 or Lys
84 <221> NAME/KEY: MUTAGEN
85 <222> LOCATION: 17
86 <223> OTHER INFORMATION: Xaa = Gln, Asn, Arg, Glu, Asp, or Lys
88 <221> NAME/KEY: MUTAGEN
89 <222> LOCATION: 18
90 <223> OTHER INFORMATION: Xaa = Ala, Gly, Ser, Thr, Leu, Ile, Val, Arg, Glu,
91 Asp, or Lys
93 <221> NAME/KEY: MUTAGEN
94 <222> LOCATION: 19
95 <223> OTHER INFORMATION: Xaa = Ala, Gly, Ser, Thr, Leu, Ile, Val, Glu, Asp,
96 or Lys
98 <221> NAME/KEY: MUTAGEN
99 <222> LOCATION: 20
100 <223> OTHER INFORMATION: Xaa = Lys, Arg, Gln, Glu, Asp or His
102 <221> NAME/KEY: MUTAGEN
103 <222> LOCATION: 21
104 <223> OTHER INFORMATION: Xaa = Glu, Asp or Lys
107 <221> NAME/KEY: MUTAGEN
108 <222> LOCATION: 24
109 <223> OTHER INFORMATION: Xaa = Ala, Gly, Ser, Thr, Leu, Ile, Val, Glu, Asp,
110 or Lys
112 <221> NAME/KEY: MUTAGEN
113 <222> LOCATION: 25
114 <223> OTHER INFORMATION: Xaa =Trp, Phe, Tyr, Glu, Asp, or Lys
117 <221> NAME/KEY: MUTAGEN
118 <222> LOCATION: 26
119 <223> OTHER INFORMATION: Xaa = Leu, Gly, Ala, Ser, Thr, Ile, Val, Glu, Asp, or Lys
121 <221> NAME/KEY: MUTAGEN
122 <222> LOCATION: 27
123 <223> OTHER INFORMATION: Xaa = Val, Gly, Ala, Ser, Thr, Leu, Ile, Glu, Asp, or Lys
125 <221> NAME/KEY: MUTAGEN
126 <222> LOCATION: 28

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127 <223> OTHER INFORMATION: Xaa = Lys, Arg, Glu, Asp, or His
 129 <221> NAME/KEY: MUTAGEN
 130 <222> LOCATION: 29
 131 <223> OTHER INFORMATION: Xaa = Gly, Ala, Ser, Thr, Leu, Ile, Val, Glu, Asp or Lys
 133 <221> NAME/KEY: MUTAGEN
 134 <222> LOCATION: 30
 135 <223> OTHER INFORMATION: Xaa = Arg, Lys, Glu, Asp, or His
 137 <221> NAME/KEY: MUTAGEN
 138 <222> LOCATION: 31
 139 <223> OTHER INFORMATION: Xaa = Gly, Ala, Ser, Thr, Leu, Ile, Val, Glu, Asp, or Lys or
 is deleted
 141 <221> NAME/KEY: MUTAGEN
 142 <222> LOCATION: 32
 143 <223> OTHER INFORMATION: Xaa = Arg, Lys, Glu, Asp, or His, or is deleted
 145 <221> NAME/KEY: MUTAGEN
 146 <222> LOCATION: 33
 147 <223> OTHER INFORMATION: Xaa = Arg, Lys, Glu, Asp, or His, or is deleted
 149 <221> NAME/KEY: MUTAGEN
 150 <222> LOCATION: 34
 151 <223> OTHER INFORMATION: Xaa = Asp, Glu, or Lys, or is deleted
 153 <221> NAME/KEY: MUTAGEN
 154 <222> LOCATION: 35
 155 <223> OTHER INFORMATION: Xaa = Phe, Trp, Tyr, Glu, Asp, or Lys, or is deleted
 157 <221> NAME/KEY: MUTAGEN
 158 <222> LOCATION: 36
 159 <223> OTHER INFORMATION: Xaa = Pro, Lys, Glu, or Asp, or is deleted
 161 <221> NAME/KEY: MUTAGEN
 162 <222> LOCATION: 37
 163 <223> OTHER INFORMATION: Xaa = Glu, Asp, or Lys, or is deleted
 165 <221> NAME/KEY: MUTAGEN
 166 <222> LOCATION: 38
 167 <223> OTHER INFORMATION: Xaa = Glu, Asp, or Lys, or is deleted
 169 <221> NAME/KEY: MUTAGEN
 170 <222> LOCATION: 39
 171 <223> OTHER INFORMATION: Xaa = Val, Glu, Asp, or Lys, or is deleted
 173 <400> SEQUENCE: 1
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 175 1 5 10 15
 W--> 176 Xaa Xaa Xaa Xaa Xaa Phe Ile Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 177 20 25 30
 W--> 178 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 179 35

VERIFICATION SUMMARY

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1